

FORM PTO-1449A

INFORMATION DISCLOSURE CITATION

Attorney Docket:
2629-4036Serial No.:
10/735,082Applicant:
James G. Lazar, et al.Filing Date:
December 11, 2003Group Art Unit:
1631

U.S. PATENT / PUBLICATION DOCUMENTS

Examiner Initial		Patent/Publication Number	Publication/Issue Date	Name	Filing Date
/JSB/	1.	6,686,151	February 3, 2004	Lazar et al.	November 6, 2000

FOREIGN PATENT DOCUMENTS

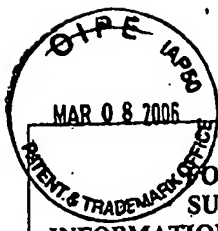
Examiner Initial		Patent Number	Publication Date	Country	Copy Filed	Translation
	2.	EP 0 288 737 duplicate	27 Nov. 1988	EP	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> N/A
/JSB/	3.	EP 0 480 289 B1	12 Mar. 1997	EP	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Abstract <input type="checkbox"/> N/A
/JSB/	4.	GB 2 279 954 A	18 Jan. 1995	GB	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> N/A
/JSB/	5.	JP 04-4267897 A	24 Sep. 1992	JP	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Abstract <input type="checkbox"/> N/A
	6.	WO 93/10263 duplicate	27 May 1993	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> N/A
/JSB/	7.	WO 96/24694	15 Aug. 1996	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> N/A
/JSB/	8.	WO 97/10364	20 Mar. 1997	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> N/A
	9.	WO 97/31256 A2 duplicate	28 Aug. 1997	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> N/A
/JSB/	10.	WO 97/31256 A3	28 Aug. 1997	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> N/A
	11.	WO 99/29909 duplicate	17 Jun. 1999	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> N/A
	12.	WO 99/32034 duplicate	Jul. 1999	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> N/A
	13.	WO 99/36571 duplicate	22 Jul. 1999	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> N/A
	14.	WO 99/39001 duplicate	5 Aug. 1999	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> N/A
	15.	WO 99/40224 duplicate	12 Aug. 1999	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> N/A
	16.	WO 00/60116 duplicate	2 Oct. 2000	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstract <input checked="" type="checkbox"/> N/A
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Examiner	/John S. Brusca/	Date Considered	05/10/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

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		Applicant: James G. Lazar, et al.			
		Filing Date: December 11, 2003		Group Art Unit: 1631	
U.S. PATENT / PUBLICATION DOCUMENTS					
Examiner Initial		Patent/Publication Number	Publication/Issue Date	Name	Filing Date
/JSB/	1.	4,563,417	January 7, 1986	Albarella et al.	December 24, 1984
	2.	4,752,847 duplicate	March 22, 1988	Stuart et al.	December 29, 1982
/JSB/	3.	4,743,535	May 10, 1988	Carrico	November 7, 1984
	4.	4,833,084 duplicate	May 23, 1989	Carrico	August 26, 1985
/JSB/	5.	4,851,330	July 25, 1989	Kohne	April 16, 1987
	6.	4,865,980 duplicate	September 12, 1989	Stuart et al.	February 12, 1988
	7.	5,200,313 duplicate	April 6, 1993	Carrico	April 23, 1988
/JSB/	8.	5,244,797	September 14, 1993	Kotewicz et al.	March 18, 1991
/JSB/	9.	5,412,087	May 2, 1995	McGall et al.	April 24, 1992
/JSB/	10.	5,429,807	July 4, 1995	Matson et al.	October 28, 1993
/JSB/	11.	5,455,170	October 3, 1995	Abramson et al.	August 27, 1993
/JSB/	12.	5,510,270	April 23, 1996	Fodor et al.	September 30, 1992
/JSB/	13.	5,668,005	September 16, 1997	Kotewicz et al.	March 12, 1996
	14.	5,827,861 duplicate	October 27, 1998	Bials	September 23, 1996
	15.	5,981,179 duplicate	November 9, 1999	Lornicz et al.	September 14, 1993
	16.	5,994,079 duplicate	November 30, 1999	De La Rosa et al.	February 6, 1998
	17.	6,027,897 duplicate	February 22, 2000	Lornicz et al.	June 8, 1998
	18.	6,043,038 duplicate	March 28, 2000	Sivaraja et al.	March 31, 1998
	19.	6,232,068 duplicate	May 15, 2001	Christey et al.	January 22, 1999

Examiner /John S. Brusca/	Date Considered 05/09/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

FORM PTO-1449A
SUPPLEMENTAL
INFORMATION DISCLOSURE CITATIONAttorney Docket:
2629-4036Serial No.:
10/735,082Applicant:
James G. Lazar, et al.Filing Date:
December 11, 2003Group Art Unit:
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U.S. PATENT/PUBLICATION DOCUMENTS

Examiner Initial		Patent/Publication Number	Publication/Issue Date	Name	Filing Date
JLB	1.	4,732,847	March 22, 1988	Stuart et al.	12/29/82
JLB	2.	4,833,084	May 23, 1989	Carrico	8/26/85
JLB	3.	4,865,980	September 12, 1989	Stuart et al.	2/12/88
JLB	4.	5,200,313	April 6, 1993	Carrico	4/25/88
JLB	5.	5,827,661	October 27, 1998	Blais	9/23/96
JLB	6.	5,981,179	November 9, 1999	Lorinez et al.	9/14/95
JLB	7.	5,994,079	November 30, 1999	De La Rosa et al.	2/6/98
JLB	8.	6,027,897	February 22, 2000	Lorincz, et al.	6/8/98
JLB	9.	6,043,038	March 28, 2000	Sivaraja et al.	3/31/98
JLB	10.	6,232,068 B1	May 15, 2001	Linsley et al.	1/22/99

FOREIGN PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Country	Copy Filed	Translation
JLB	11.	EP 02 88737A1	November 2, 1988	PCT	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
JLB	12.	WO 93 10263A	May 27, 1993	PCT	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
JLB	13.	WO 97 31256A	August 28, 1997	PCT	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
JLB	14.	WO 99 29909A	June 17, 1999	PCT	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
JLB	15.	WO 99 32654A	July 1, 1999	PCT	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
JLB	16.	WO 99 36571A	July 22, 1999	PCT	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
JLB	17.	WO 99 39001A	August 5, 1999	PCT	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
JLB	18.	WO 99 40224	August 12, 1999	PCT	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
JLB	19.	WO 00 60116A	October 12, 2000	PCT	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
JLB	20.	WO 01/36681	May 25, 2001	PCT	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
JLB	21.	Blais, B.W., 1994 "Transcriptional Enhancement of the Listeria Monocytogenes PCR and Simple Immunoenzymatic Assay of the Product Using Anti-RNA:DNA Antibodies" Appl. Environ. Microbiol. 60:348-352.

Examiner

Date Considered

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FORM PTO-1449A SUPPLEMENTAL INFORMATION DISCLOSURE CITATION	Attorney Docket:	Serial No.:
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	Applicant:	
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	Filing Date:	Group Art Unit:
	December 11, 2003	1631

JLB	22.	Boguslawski et al., 1986 "Characterization of Monoclonal Antibody to DNA:RNA and Its Application to Immunodetection of Hybrids" <i>J. Immunol. Methods</i> 89:123-130.
JLB	23.	Coutlee et al., 1989 "Comparison of Colorimetric Fluorescent, and Enzymatic Amplification Substrate Systems in an Enzyme Immunoassay for Detection of DNA-RNA Hybrids" <i>J. Clin. Microbiol.</i> 27:1002-1007.
JLB	24.	Coutlee et al., 1989 "Immunodetection of DNA with Biotinylated RNA Probes: A Study of Reactivity of a Monoclonal Antibody to DNA-RNA Hybrids" <i>Anal. Biochem.</i> 181:96-105.
JLB	25.	Coutlee et al., 1989 "Nonisotopic Detection of RNA in an Enzyme Immunoassay Using a Monoclonal Antibody Against DNA-RNA Hybrids" <i>Anal. Biochem.</i> 181:153-162.
JLB	26.	Coutlee et al., 1990 "Quantitative Detection of Messenger RNA by Solution Hybridization and Enzyme Immunoassay" <i>J. Biol. Chem.</i> 265:11601-11604.
JLB	27.	Coutlee et al., 1991 "Immunodetection of DNA with Biotinylated RNA Probes: A Study of Reactivity of a Monoclonal Antibody to DNA-RNA Hybrids" <i>Anal. Biochem.</i> 198:217 (Published erratum).
JLB	28.	Coutlee et al., 1991 "Detection of Transcripts of Human Papillomaviruses 16 and 18 in Cancer-derived Cell Lines and Cervical Biopsies by Enzyme Immunoassay for DNA-RNA Hybrids Following Solution Hybridization" <i>J. Clin. Microbiol.</i> 29:968-974.
JLB	29.	Ed M. Southern, "DNA chips: analyzing sequences by hybridization to oligonucleotides on a large scale," March 1996, <i>TIG</i> , Vol. 12, No. 3, pgs. 110-115.
JLB	30.	Lamoureux et al., 1997 "Detection of <i>Campylobacter jejuni</i> in Food and Poultry Viscera Using Immunomagnetic Separation and Microtitre Hybridization," <i>J. Appl. Microbiol.</i> 83:641-651.
JLB	31.	Lazar et al., 1999 "Hybrid Capture @: a Sensitive Signal Amplification-based Chemiluminescent Test for the Detection and Quantitation of Human Viral and Bacterial Pathogens," <i>J. Clin. Ligand Assay</i> 22:139-151
JLB	32.	Lennon et al. 1991 "Hybridization analyses of arrayed cDNA libraries. <i>Trends in Genetics</i> , vol. 7, pp. 314-317
JLB	33.	Lockhart et al. "Expression monitoring by hybridization to high-density oligonucleotide arrays," Dec. 1996, <i>Nature Biotechnology</i> , Vol. 14, pgs. 1675-1680.
JLB	34.	Maldonado-Rodriguez et al. "Hybridization of Glass-Tethered Oligonucleotide Probes to Target strands Preannealed with Labeled Auxiliary Oligonucleotides," 1999, <i>Molecular Biotechnology</i> , vol. 11, pgs. 1-12.
JLB	35.	Newman et al., 1989 "Solution Hybridization and Enzyme Immunoassay for Biotinylated DNA:RNA Hybrids to Detect Enteroviral RNA in Cell Culture" <i>Mol. Cell Probes</i> 3:375-382.
JLB	36.	Stollar, B.D. and A. Rashtchian, 1987 "Immunochemical Approaches to Gene Probe Assays" <i>Anal. Biochem.</i> 161:387-394.
JLB	37.	Tominaga et al., "Colorimetric ELISA measurement of specific mRNA on immobilized-oligonucleotide-coated microtiter plates by reverse transcription with biotinylated mononucleotides," 1996, <i>Clinical Chemistry</i> 42, No. 11, pgs. 1750-1757.
JLB	38.	Viscidi et al., 1989 "Monoclonal Antibody Solution Hybridization Assay for Detection of Human Immunodeficiency Virus Nucleic Acids" <i>J. Clin. Microbiol.</i> 27:120-125. DUPLICATE
JLB	39.	International Search Report for corresponding PCT Application No. PCT/US2004/041397.

Examiner	JLB	Date Considered	16 April 2006
EXAMINER:	Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		